Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041956.D
Acq On : 5 Aug 2019 00:00
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 05 09:18:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	73189	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	309695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	214905	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	627742	20.00	ng/ul	0.10
77) Chrysene-d12	21.73	240	447699	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	495534	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	5518	3.30	ng/uL	0.00
5) Phenol-d5	7.18	99	140343	24.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	75128	23.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	129411	26.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	115177	23.88	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	61911	26.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	80014	29.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	144611	26.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	141785	23.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	447982	26.88	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	510714	26.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	47490	16.97	ng/ul	0.00
57) Fluorene-d10	15.69	176	400183	26.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	91	0.02	ng/ul	0.08
70) Anthracene-d10	17.55	188	627742	20.84	ng/ul	0.00
78) Pyrene-d10	19.83	212	710899	28.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	767747	29.66	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	10120	1.707	ng/ul	96
44) Dimethylphthalate	14.14	163	176980	10.694	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	28637	5.472	ng/ul#	44
69) Phenanthrene	17.49	178	34865	1.015	ng/ul	98
71) Anthracene	17.49	178	34865	1.000	ng/ul	97
76) Fluoranthene	19.86	202	78725	1.983	ng/ul	97
79) Pyrene	19.86	202	78725	2.614	ng/ul#	94
82) Benzo(a)anthracene	21.71	228	45875	1.478	ng/ul	98
84) Chrysene	21.78	228	47041	1.624	ng/ul	94
87) Benzo(b)fluoranthene	23.97	252	59511	1.914	ng/ul	97
88) Benzo(k)fluoranthene	23.97	252	59511	1.990	ng/ul	97
90) Benzo(a)pyrene	24.85	252	43488	1.468	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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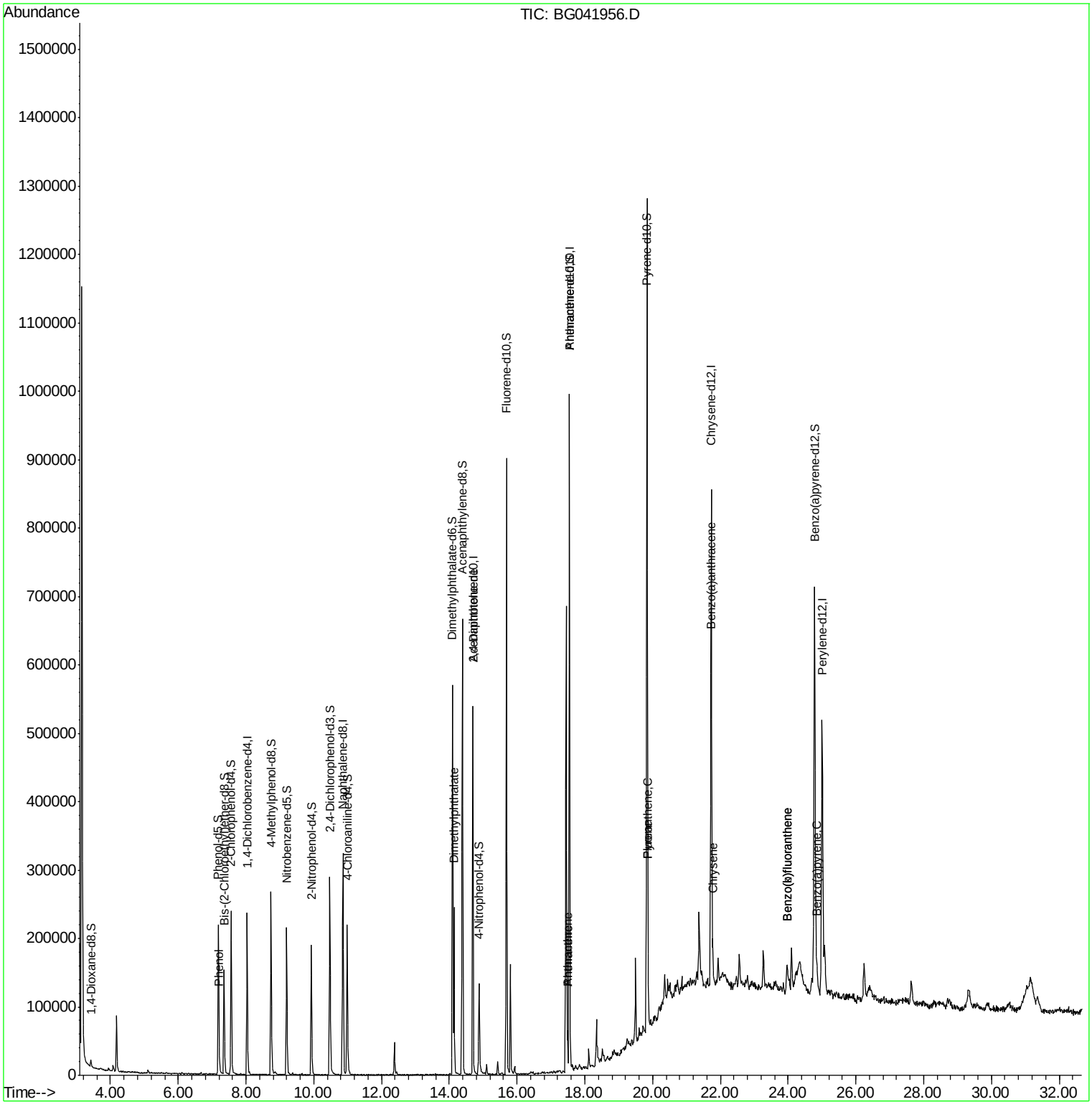
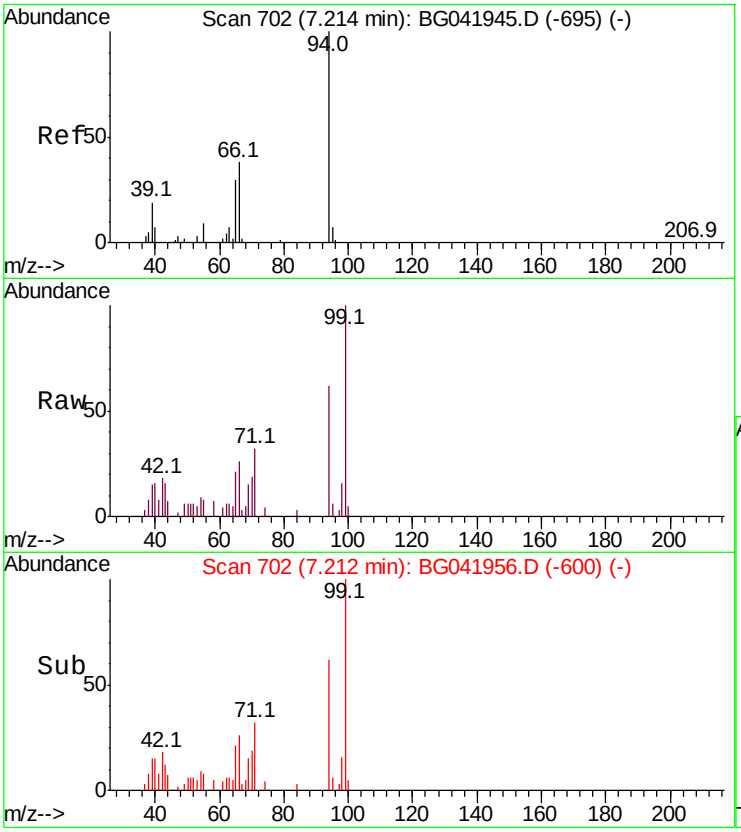
Sample : K3962-20
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 05 09:18:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



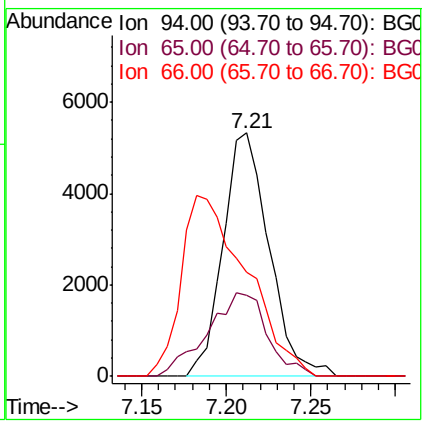


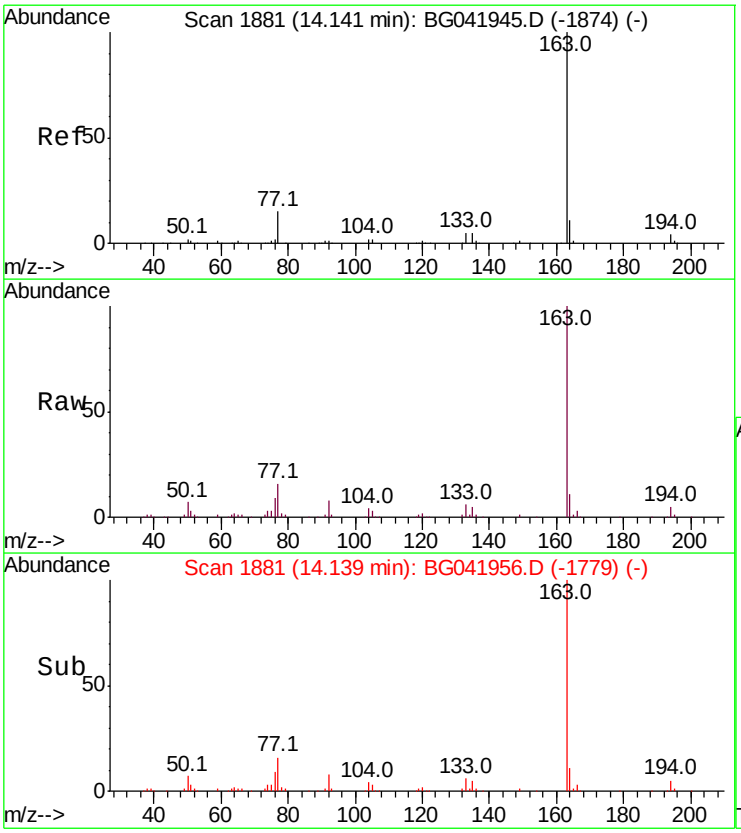
#6
Phenol
Concen: 1.707 ng/ul
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 10120

Ion	Ratio	Lower	Upper
94	100		
65	33.2	25.8	38.6
66	42.9	31.8	47.8

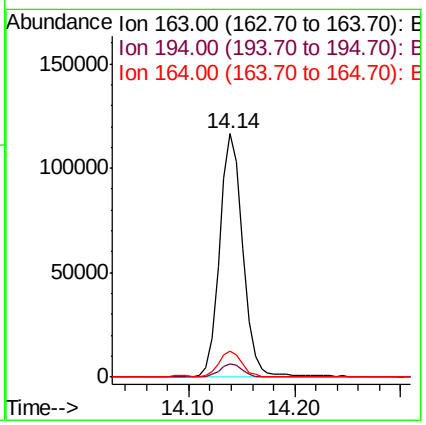


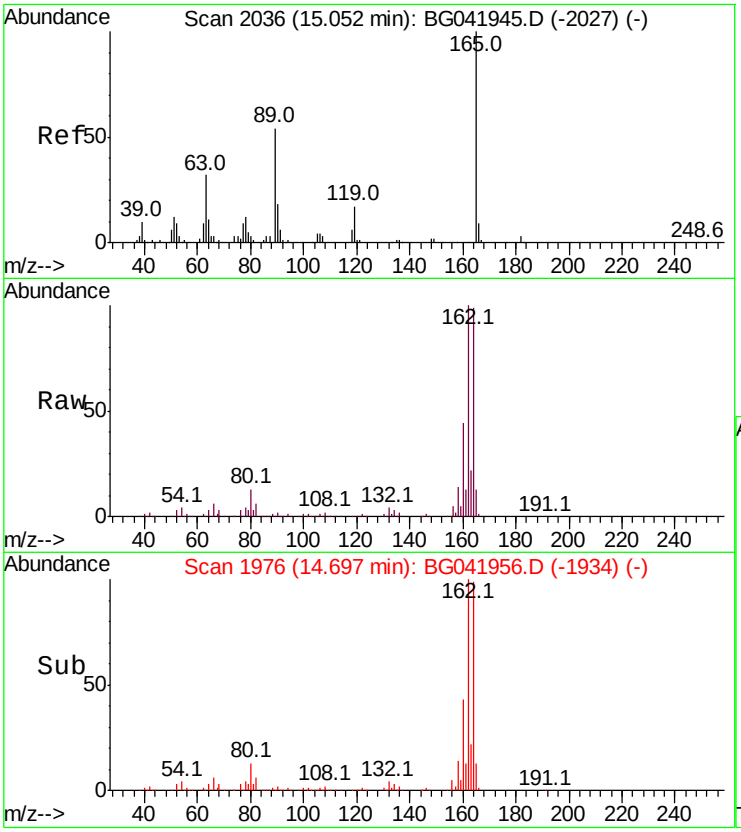


#44
Dimethylphthalate
Concen: 10.694 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Tgt Ion:163 Resp: 176980

Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	10.6	7.8	11.8



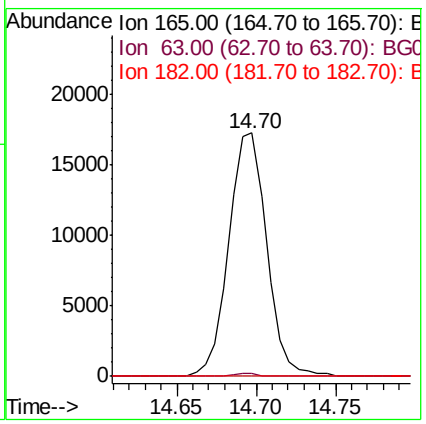


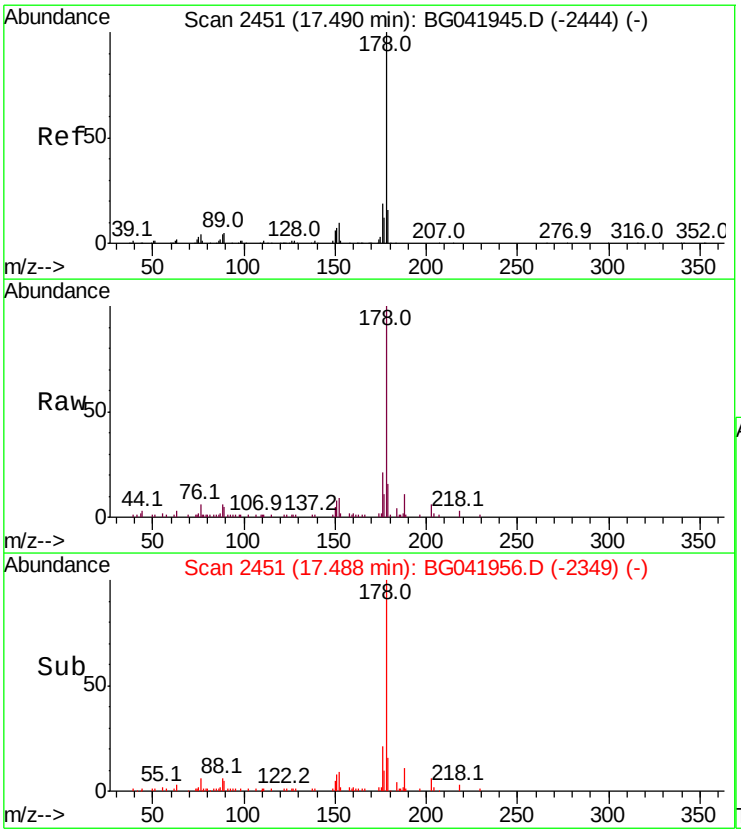
#54
2,4-Dinitrotoluene
Concen: 5.472 ng/ul
RT: 14.70 min Scan# 1976
Delta R.T. -0.35 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 28637

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
182	0.0	2.6	4.0#

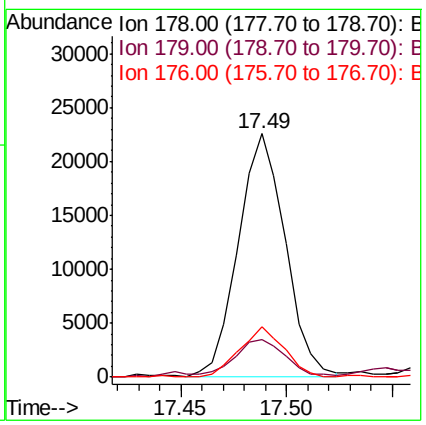


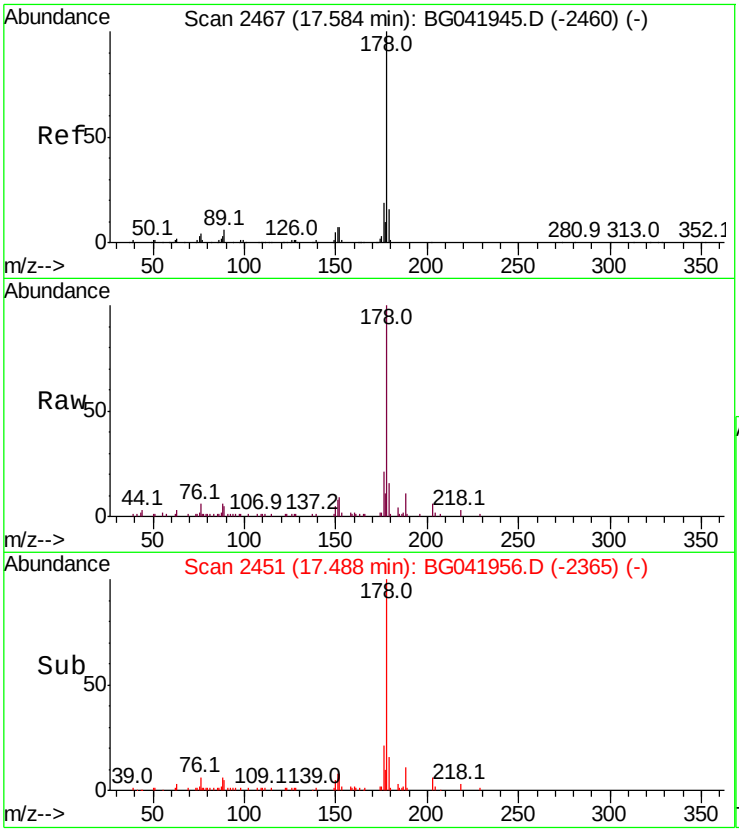


#69
Phenanthrene
Concen: 1.015 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Tgt Ion:178 Resp: 34865

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	20.7	15.4	23.2



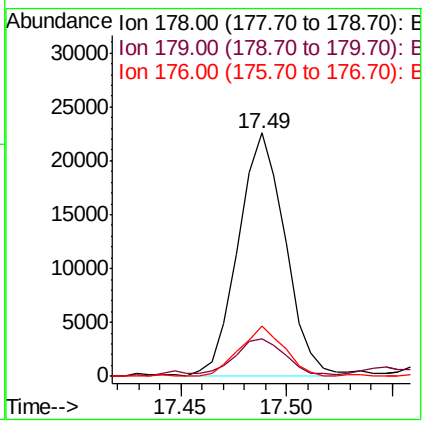


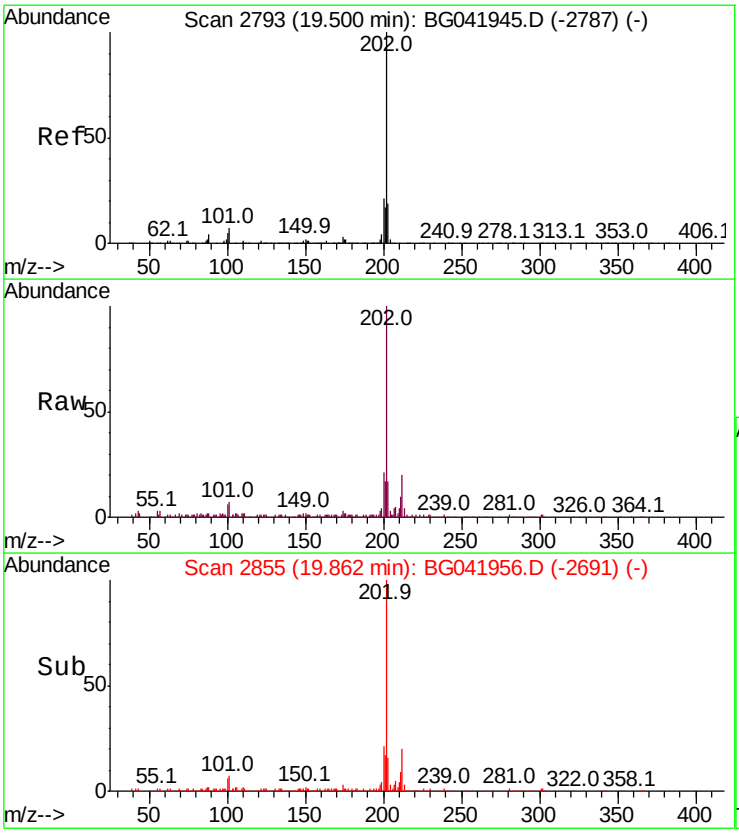
#71
Anthracene
Concen: 1.000 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. -0.10 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 34865

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.0
176	20.7	15.4	23.2

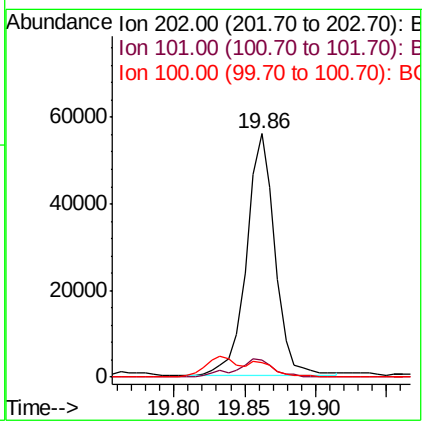


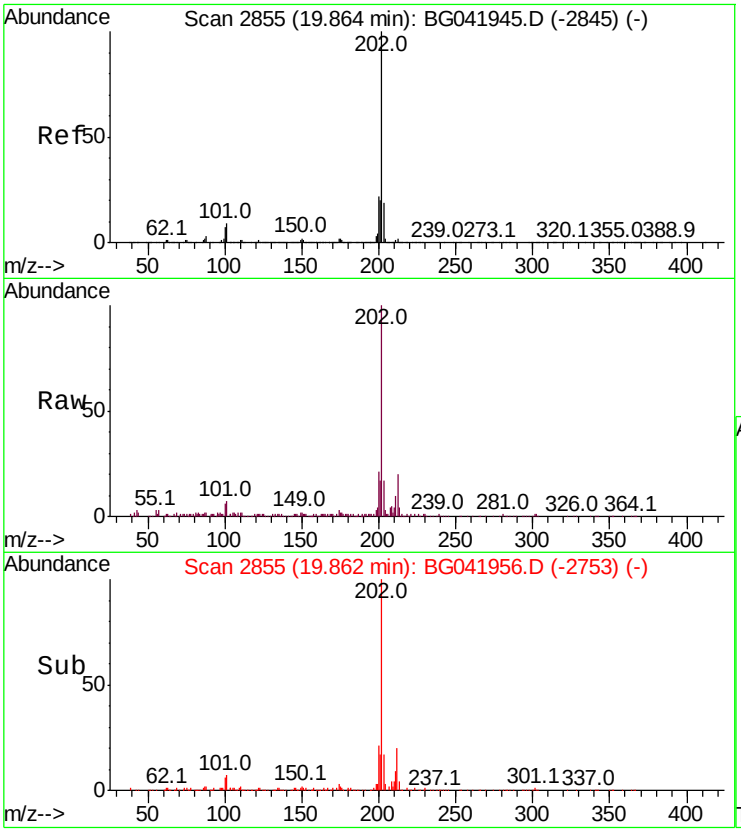


#76
Fluoranthene
Concen: 1.983 ng/ul
RT: 19.86 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Tgt Ion:202 Resp: 78725

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.7	10.1
100	6.2	5.3	7.9



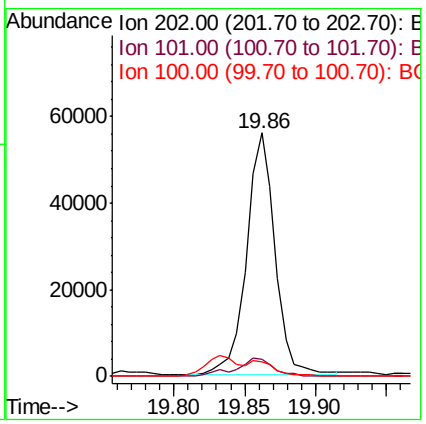


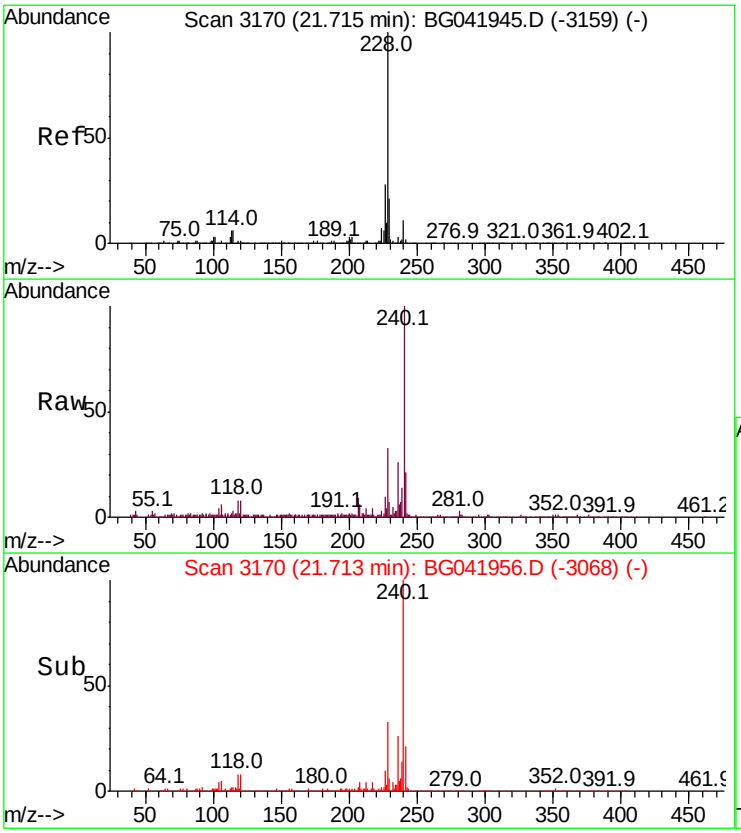
#79
Pyrene
Concen: 2.614 ng/ul
RT: 19.86 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 78725

Ion	Ratio	Lower	Upper
202	100		
101	7.1	7.6	11.4#
100	6.2	6.5	9.7#

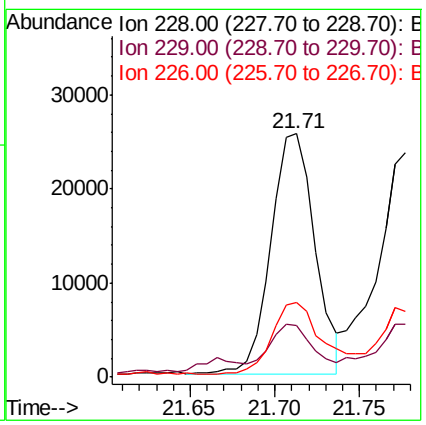


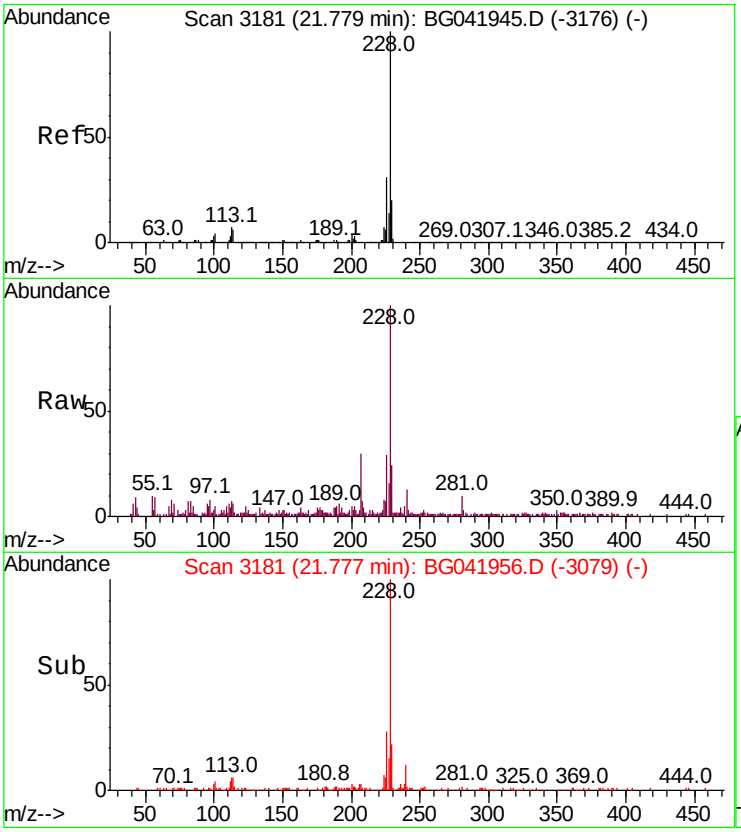


#82
Benzo(a)anthracene
Concen: 1.478 ng/ul
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Tgt Ion:228 Resp: 45875

Ion	Ratio	Lower	Upper
228	100		
229	21.2	17.0	25.6
226	30.8	23.3	34.9



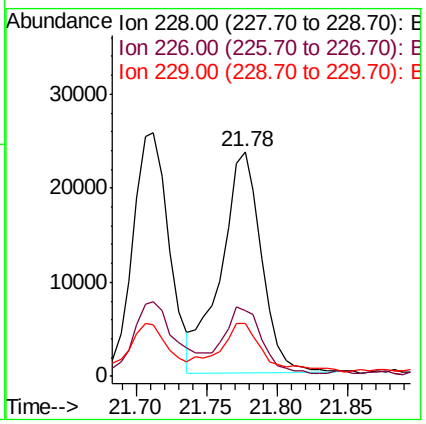


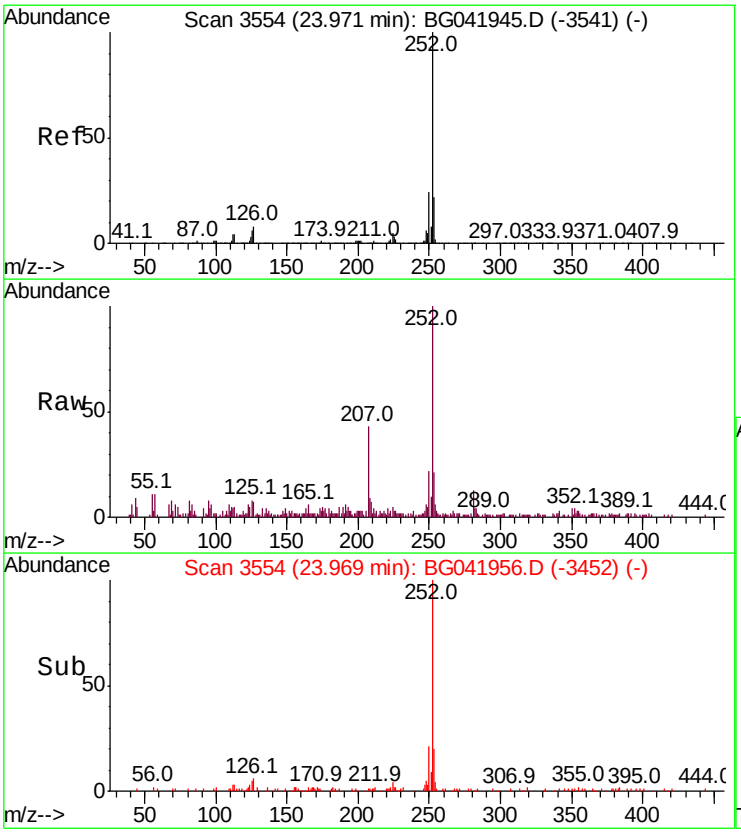
#84
Chrysene
Concen: 1.624 ng/ul
RT: 21.78 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 47041

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.7	38.5
229	23.6	16.6	24.8

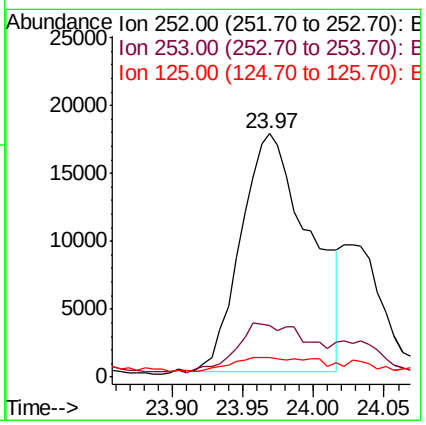


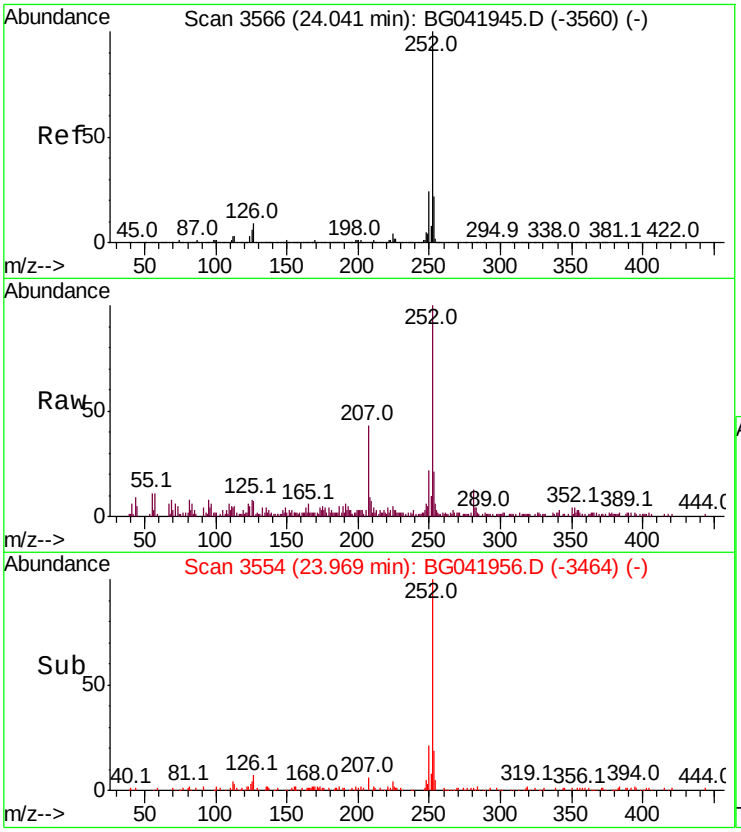


#87
Benzo(b)fluoranthene
Concen: 1.914 ng/ul
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Tgt Ion:252 Resp: 59511

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	8.0	5.8	8.8



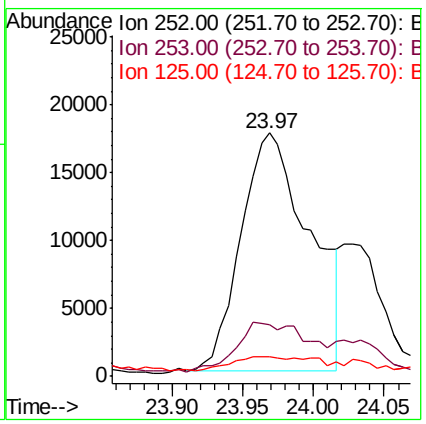


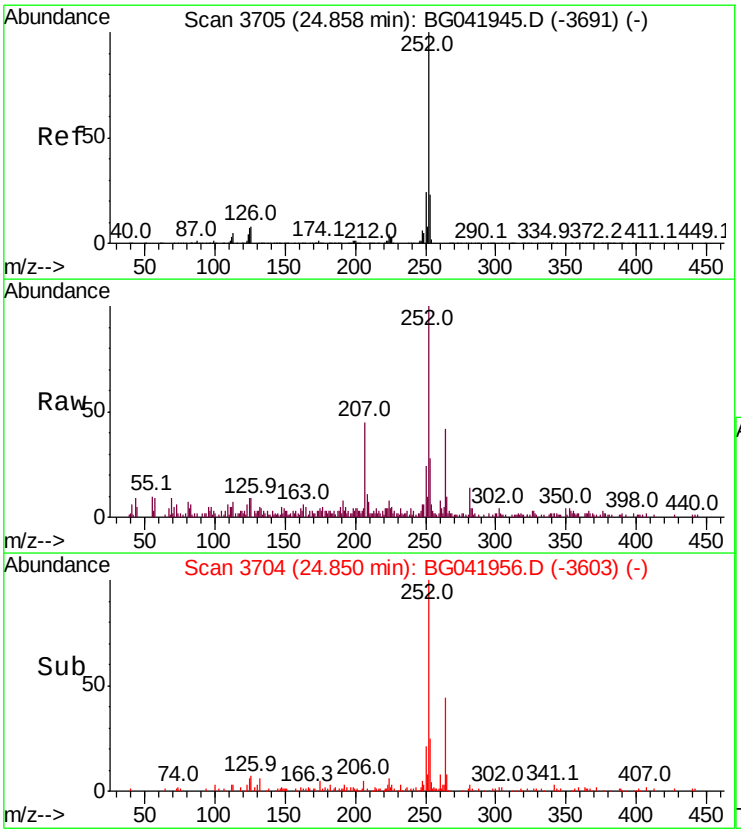
#88
Benzo(k)fluoranthene
Concen: 1.990 ng/ul
RT: 23.97 min Scan# 3554
Delta R.T. -0.07 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 59511

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.3	27.5
125	8.0	5.5	8.3





#90
Benzo(a)pyrene
Concen: 1.468 ng/ul
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041956.D
Acq: 5 Aug 2019 00:00

Tgt Ion:252 Resp: 43488

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.3	27.5#
125	9.0	6.5	9.7